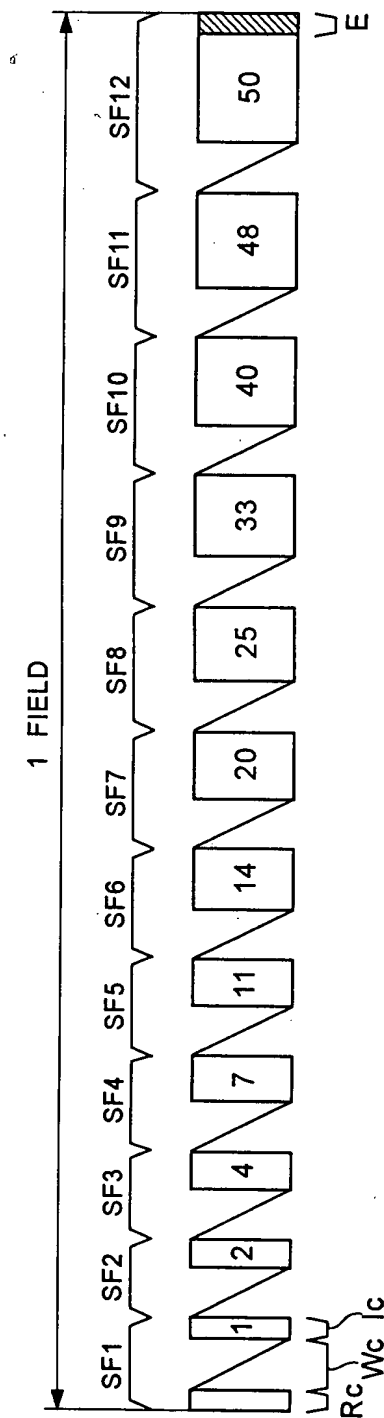


FIG.1



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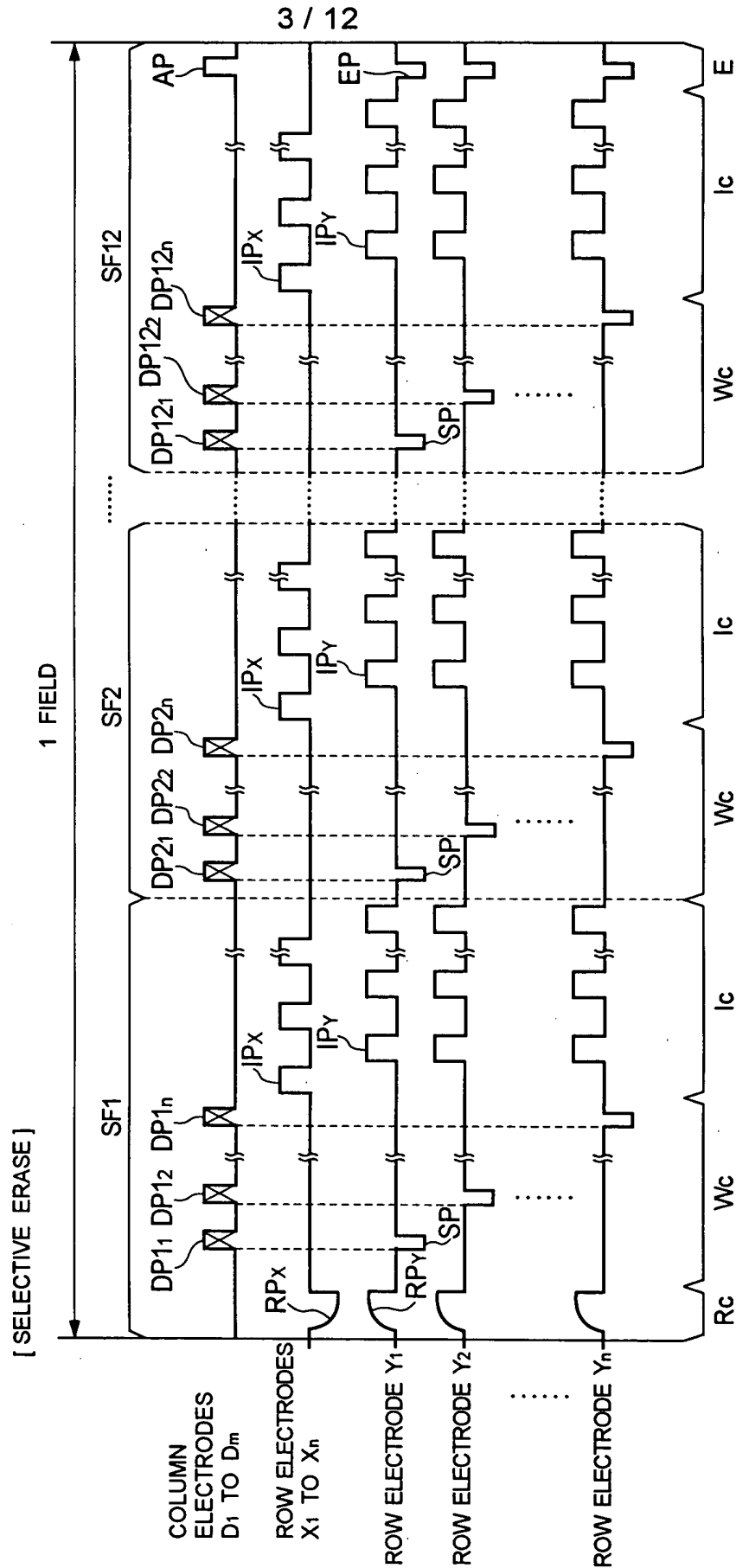
FIG.2

GRADATION	CONVERSION TABLE												EMISSION DRIVING PATTERN												DISPLAY LUMINANCE	
	PDs	GD												SF 1	SF 2	SF 3	SF 4	SF 5	SF 6	SF 7	SF 8	SF 9	SF 10	SF 11		SF 12
		1	2	3	4	5	6	7	8	9	10	11	12													
1	0000	1	0	0	0	0	0	0	0	0	0	0	●											0		
2	0001	0	1	0	0	0	0	0	0	0	0	0	○	●										1		
3	0010	0	0	1	0	0	0	0	0	0	0	0	○	○	●									3		
4	0011	0	0	0	1	0	0	0	0	0	0	0	○	○	○	●								7		
5	0100	0	0	0	0	1	0	0	0	0	0	0	○	○	○	○	●							14		
6	0101	0	0	0	0	0	1	0	0	0	0	0	○	○	○	○	○	●						25		
7	0110	0	0	0	0	0	0	1	0	0	0	0	○	○	○	○	○	○	●					39		
8	0111	0	0	0	0	0	0	0	1	0	0	0	○	○	○	○	○	○	○	●				59		
9	1000	0	0	0	0	0	0	0	0	1	0	0	○	○	○	○	○	○	○	○	●			84		
10	1001	0	0	0	0	0	0	0	0	0	1	0	○	○	○	○	○	○	○	○	○	●		117		
11	1010	0	0	0	0	0	0	0	0	0	0	1	○	○	○	○	○	○	○	○	○	○	●	157		
12	1011	0	0	0	0	0	0	0	0	0	0	0	○	○	○	○	○	○	○	○	○	○	○	●	205	
13	1100	0	0	0	0	0	0	0	0	0	0	0	○	○	○	○	○	○	○	○	○	○	○	○	255	

GRADATION

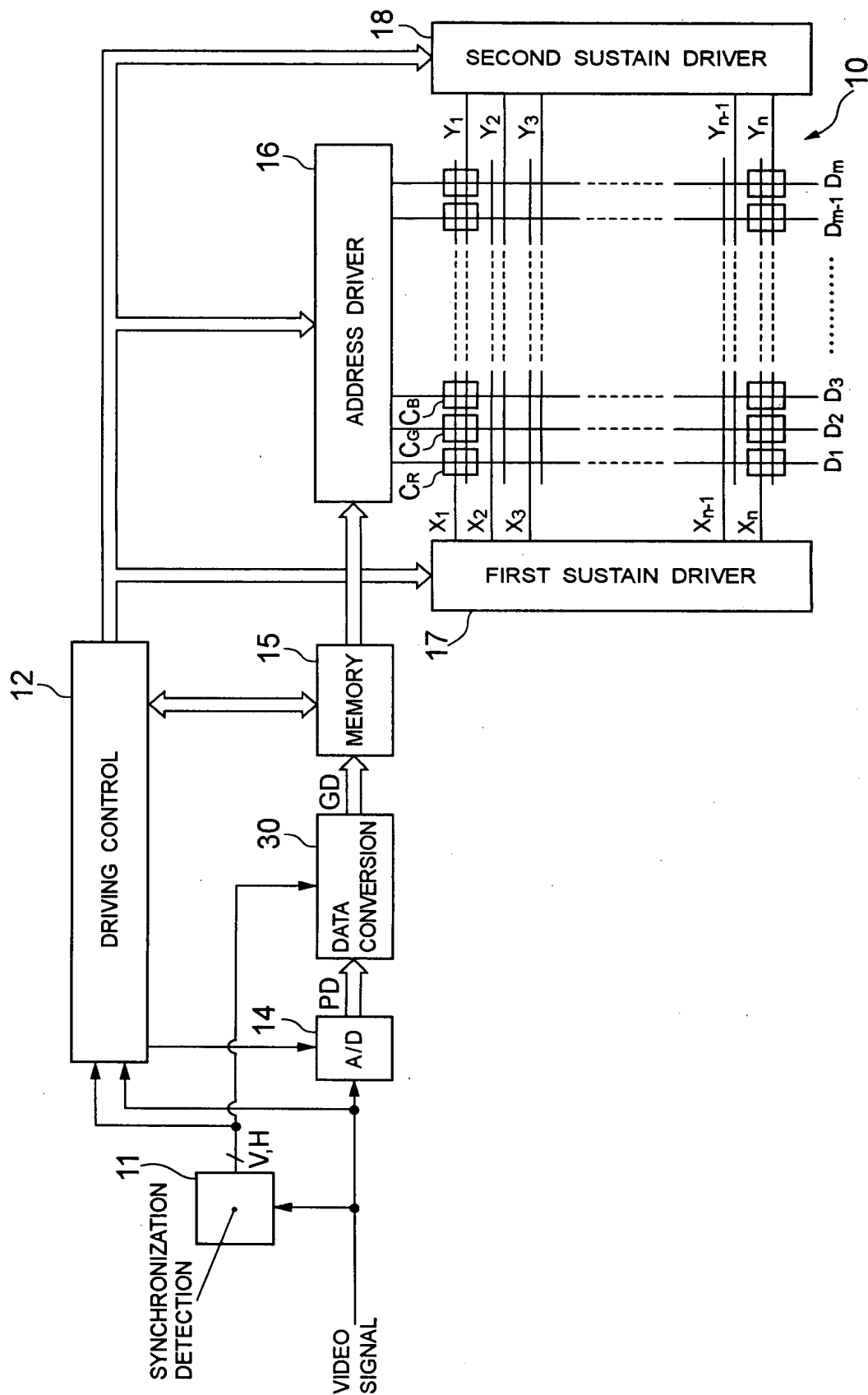
● : SELECTIVE ERASING DISCHARGE
 ○ : EMISSION SF

FIG. 3



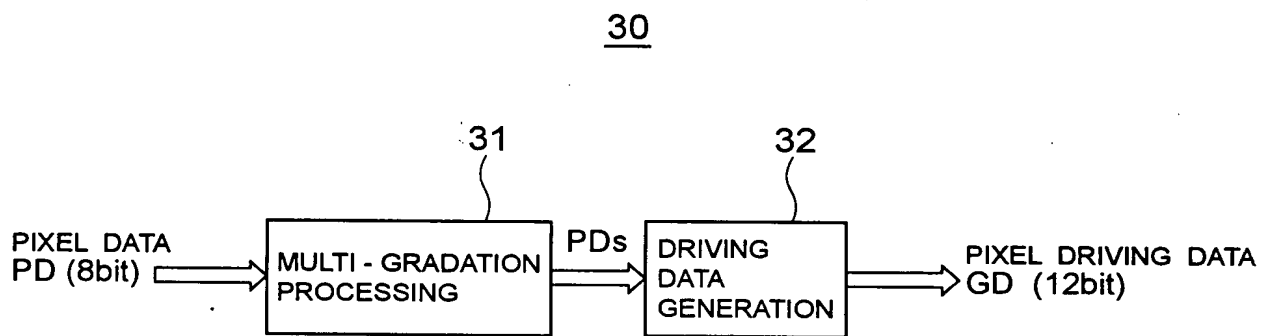
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FIG. 4



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FIG. 5



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FIG. 6

GRADATION DRIVING	CONVERSION TABLE												EMISSION PATTERN												LUMINANCE	
	PDs	GD												SF 1	SF 2	SF 3	SF 4	SF 5	SF 6	SF 7	SF 8	SF 9	SF 10	SF 11		SF 12
		1	2	3	4													
1	0000	0	*	*	*	*	*	*	*	*	*	*	*	⊙	●											0
2	0001	1	1	*	*	*	*	*	*	*	*	*	*	⊙	●											1
3	0010	1	0	1	*	*	*	*	*	*	*	*	*	⊙	○	●										3
4	0011	1	0	0	1	*	*	*	*	*	*	*	*	⊙	○	○	●									7
5	0100	1	0	0	0	1	*	*	*	*	*	*	*	⊙	○	○	○	●								13
6	0101	1	0	0	0	0	1	*	*	*	*	*	*	⊙	○	○	○	○	●							25
7	0110	1	0	0	0	0	0	1	*	*	*	*	*	⊙	○	○	○	○	○	●						39
8	0111	1	0	0	0	0	0	0	1	*	*	*	*	⊙	○	○	○	○	○	○	●					59
9	1000	1	0	0	0	0	0	0	0	1	*	*	*	⊙	○	○	○	○	○	○	○	●				84
10	1001	1	0	0	0	0	0	0	0	0	1	*	*	⊙	○	○	○	○	○	○	○	○	○	●		117
11	1010	1	0	0	0	0	0	0	0	0	0	1	*	⊙	○	○	○	○	○	○	○	○	○	○	○	157
12	1011	1	0	0	0	0	0	0	0	0	0	0	1	⊙	○	○	○	○	○	○	○	○	○	○	○	205
13	1100	1	0	0	0	0	0	0	0	0	0	0	0	⊙	○	○	○	○	○	○	○	○	○	○	○	255

*: 0 OR 1 ⊙: SELECTIVE WRITING ●: SELECTIVE ERASURE ○: SUSTAIN DISCHARGE EMISSION SF

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FIG. 7

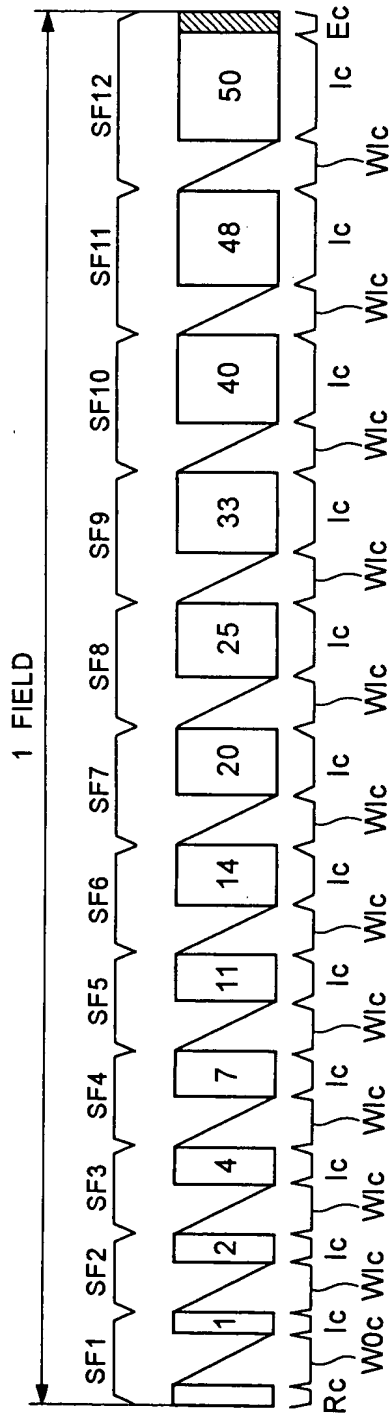


FIG. 9A

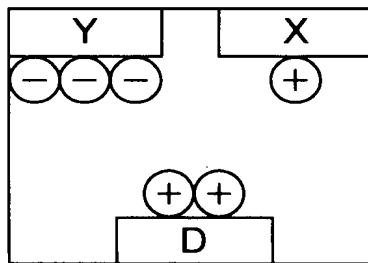


FIG. 9B

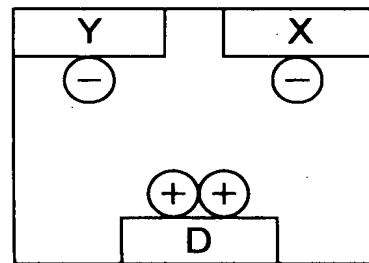
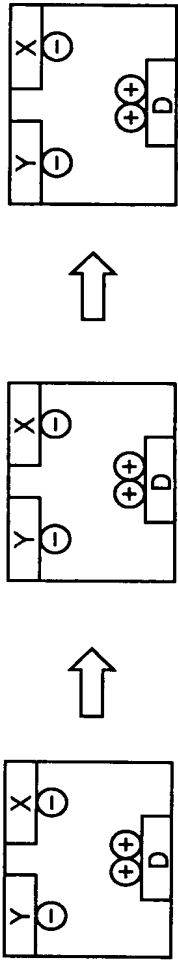
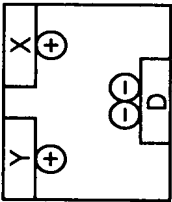


FIG. 10A



NO SELECTIVE WRITING
DISCHARGE AND NO
SELECTIVE ERASING
DISCHARGE

FIG. 10B



SELECTIVE WRITING
DISCHARGE AND SELECTIVE
ERASING DISCHARGE

FIG. 10D

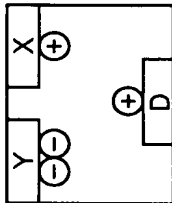


FIG. 10E

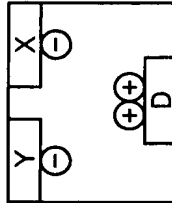
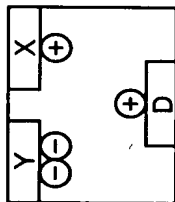
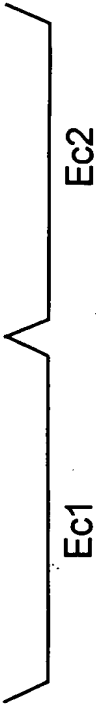
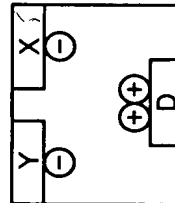


FIG. 10C



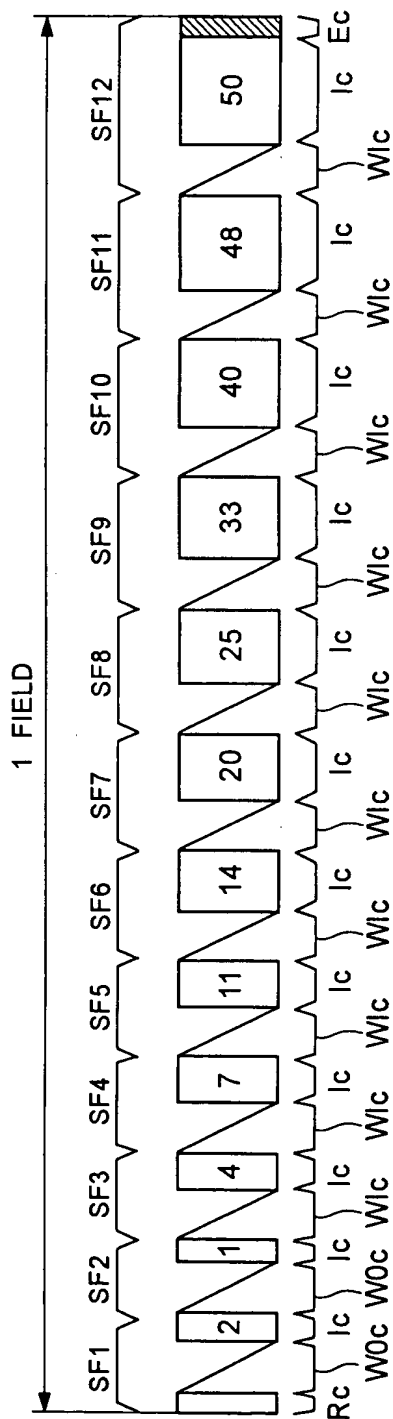
SELECTIVE WRITING
DISCHARGE ONLY

FIG. 10F



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FIG.11



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FIG.12

GRADATION DRIVING	CONVERSION TABLE												EMISSION PATTERN												LUMINANCE						
	PDs	GD											SF 1	SF 2	SF 3	SF 4	SF 5	SF 6	SF 7	SF 8	SF 9	SF 10	SF 11	SF 12							
		1	2	3	4	12																			
1	0000	0	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	0
2	0001	0	1	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	⊙	●	*	*	*	*	*	*	*	*	1
3	0010	1	1	1	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	⊙	⊙	●	*	*	*	*	*	*	*	*	3
4	0011	1	1	0	1	*	*	*	*	*	*	*	*	*	*	*	*	*	⊙	⊙	⊙	●	*	*	*	*	*	*	*	*	7
5	0100	1	1	0	0	1	*	*	*	*	*	*	*	*	*	*	*	*	⊙	⊙	⊙	●	*	*	*	*	*	*	*	*	13
6	0101	1	1	0	0	0	1	*	*	*	*	*	*	*	*	*	*	*	⊙	⊙	⊙	⊙	●	*	*	*	*	*	*	*	25
7	0110	1	1	0	0	0	0	1	*	*	*	*	*	*	*	*	*	*	⊙	⊙	⊙	⊙	⊙	●	*	*	*	*	*	*	39
8	0111	1	1	0	0	0	0	0	1	*	*	*	*	*	*	*	*	*	⊙	⊙	⊙	⊙	⊙	●	*	*	*	*	*	*	59
9	1000	1	1	0	0	0	0	0	0	1	*	*	*	*	*	*	*	*	⊙	⊙	⊙	⊙	⊙	⊙	●	*	*	*	*	*	84
10	1001	1	1	0	0	0	0	0	0	0	1	*	*	*	*	*	*	*	⊙	⊙	⊙	⊙	⊙	⊙	⊙	●	*	*	*	*	117
11	1010	1	1	0	0	0	0	0	0	0	0	1	*	*	*	*	*	*	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	●	*	*	*	157
12	1011	1	1	0	0	0	0	0	0	0	0	0	0	1	*	*	*	*	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	●	205
13	1100	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	⊙	255

*: 0 OR 1 ⊙: SELECTIVE WRITING ●: SELECTIVE ERASURE ○: SUSTAIN DISCHARGE EMISSION SF